

Improved Seasonal Streamflow Forecasts in the Río Sonora Basin

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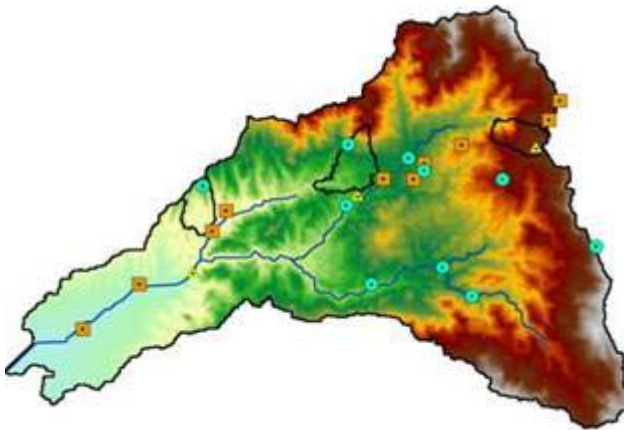
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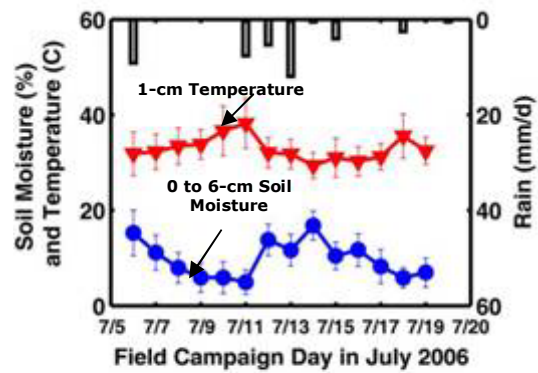


Figure 1. Luis Mendez-Barroso downloading data from an existing site in Río Sonora.





Monsoon 06



Monsoon 07

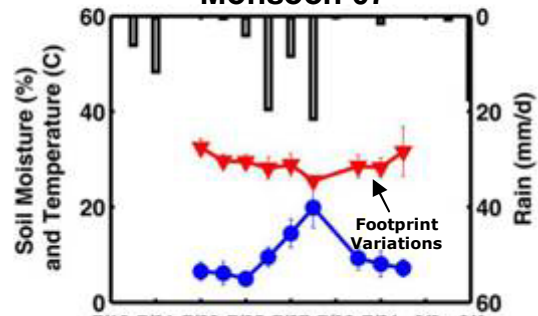


Figure 3. Meteorological tower site in Rayón, Sonora and sampling sites for measurement of soil moisture in the tower footprint and water vapor, soil moisture and vegetation water content for isotopic analysis. Danira Martinez and Tonantzin Tarin shown with Prof. Jaime Garatuza and Dr. Enrico Yopez with sampling apparatus. Footprint-averaged soil moisture and temperature during 2006 and 2007 field campaigns.

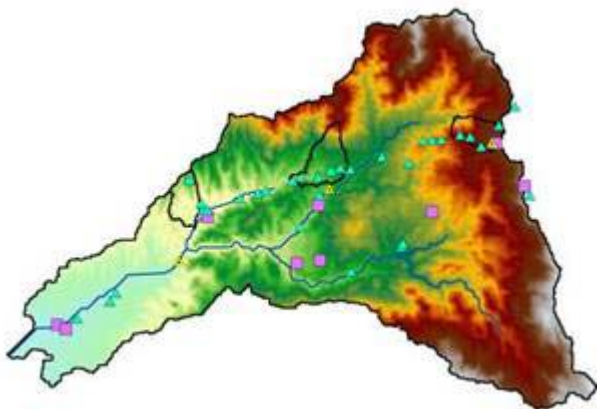


Figure 4. Spatial distribution of soil pit and surface sample locations in the Sierra Los Locos. Luis Mendez-Barroso, Eli Perez, Francisco Navarro-Cuevas, Karina Gutierrez and Dr. Soni Yatheendradas completing a soil pit and sampling different soil layers for subsequent laboratory analysis.

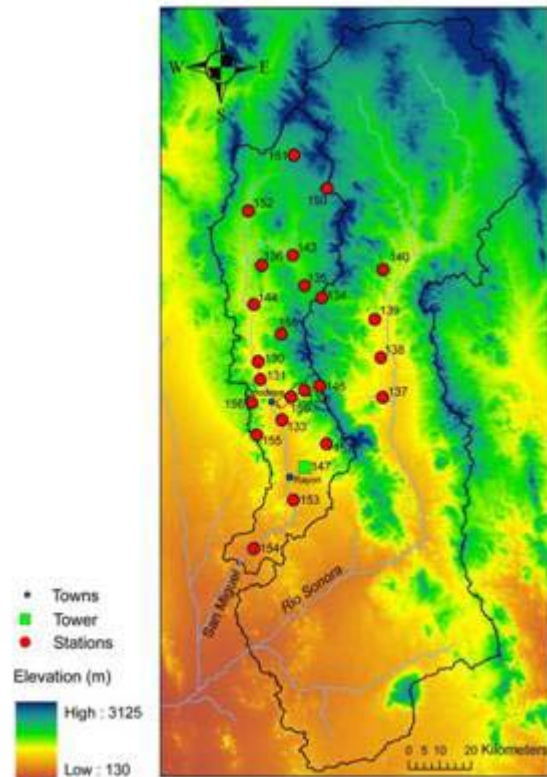


Figure 5. Location of Rio Sonora and Rio San Miguel continuous hydrometeorological stations as of July 2007. Deployment of a new station by Prof. Chris Watts, Prof. Juan Saiz-Hernandez, Dr. Julio Rodriguez, Luis Mendez-Barroso and Alexis Martinez.